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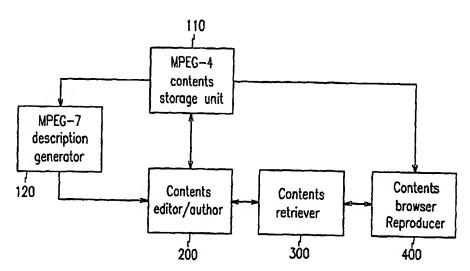
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[Continued on next page]

(54) Title: DEVICE AND METHOD FOR EDITING, AUTHORING, AND RETRIEVING OBJECT-BASED MPEG-4 CONTENTS



(57) Abstract: In a device for editing and authoring object-based AV (audio and visual) contents using the MPEG-4 method, an object-based MPEG-4(moving picture experts group 4) contents editing and authoring device (200) comprises: an extensible description generator (120) for receiving either of an MPEG-4 textual format or internal data structure information of object-based MPEG-4 contents, and MPEG-7(moving picture experts group 7) descriptions of the MPEG-4 contents, and generating an XML (extensible markup language) based textual format file including the MPEG-7 descriptions; an extensible description/binary converter for receiving the XML based textual format file including the MPEG-7 descriptions generated by the extensible description generator (120), and generating them as a binary file; and an XML based contents storage unit (110) for storing the XML based textual format file generated by the extensible description/binary converter.

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PCT/KR 03/02232-0 **CLASSIFICATION OF SUBJECT MATTER** IPC7: H04N 5/262 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7: G06F 17/30, H04N 5/262, 7/12, 7/24 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPI, EPODOC, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category | Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α US 2002152233 A (CHEUNG et al.) 17 October 2002 1,4,6,10 (17.10.2002)claims 1,5; fig. 3. Α JP 2000 358192 A (SONY CORP.) 26 December 2000 1,4,6,10 (26.12.2000)abstract. Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the international filing date or priority "A" document defining the general state of the art which is not date and not in conflict with the application but cited to understand considered to be of particular relevance the principle or theory underlying the invention "E" earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive step "L" document which may throw doubts on priority claim(s) or which is when the document is taken alone cited to establish the publication date of another citation or other document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is "O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art "P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 27 February 2004 (27.02.2004) 7 May 2004 (07.05.2004) Name and mailing adress of the ISA/AT Authorized officer Austrian Patent Office FUSSY S.

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	INTERNATIONAL SEARCH REPOR	International application No. PCT/KR 03/02232-0		
	ASSIFICATION OF SUBJECT MATTER			
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C. DO	CUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document, with indication, where appropria	ite, of the relevant pas	sages	Relevant to claim No.
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	claims 1,5; fig. 3.			
Α	JP 2000 358192 A (SONY CORP.) 2	1,4,6,10		
	(26.12.2000)	1,4,0,70		
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